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XP-002246187

AN - 2000-521524 [47]

AP - JP19990017373 19990126

CPY - HITA

DC - D22 J04 P34 P35

FS - CPI;GMPI

IC - A61L9/20 ; A62D3/00 ; B01J19/12 ; B01J35/02

MC - D09-B J04-E04

PA - (HITA) HITACHI LTD

PN - JP2000210570 A 20000802 DW200047 B01J35/02 009pp

PR - JP19990017373 19990126

XA - C2000-155005

XIC - A61L-009/20 ; A62D-003/00 ; B01J-019/12 ; B01J-035/02

XP - N2000-386622

AB - JP2000210570 NOVELTY - A photocatalyst apparatus has a light source surrounded by a glass tube (12). A photocatalyst film (11) is carried out to the outer surface and the light source releases UV rays with a wavelength of 400 nm or less.

- USE - For processing organic substance, deodorizing offensive odor and for sterilization.

- ADVANTAGE - The light irradiating ultraviolet rays is utilized efficiently with increased photocatalytic activity.

- DESCRIPTION OF DRAWING(S) - The figure shows a photocatalytic apparatus.

- Photocatalyst film 11

- Glass tube 12

- (Dwg.1/6)

IW - PHOTOCATALYST APPARATUS OFFENSIVE LIGHT SOURCE SURROUND GLASS TUBE
PHOTOCATALYST FILM OUTER SURFACE LIGHT RELEASE ULTRAVIOLET RAY
SPECIFIED WAVELENGTH

IKW - PHOTOCATALYST APPARATUS OFFENSIVE LIGHT SOURCE SURROUND GLASS TUBE
PHOTOCATALYST FILM OUTER SURFACE LIGHT RELEASE ULTRAVIOLET RAY
SPECIFIED WAVELENGTH

NC - 001

OPD - 1999-01-26

ORD - 2000-08-02

PAW - (HITA) HITACHI LTD

TI - Photocatalyst apparatus for deodorizing offensive odor and sterilization has light source surrounded by glass tube and photocatalyst film on outer surface and light releases UV rays with specified wavelength